



TRANSMISSION ASSEMBLY

PART
ITEM NUMBER QTY. DESCRIPTION

KIT NUMBER

1	057280	1	TRANSMISSION ASSEMBLY (Consists of items 4 thru 92, 96 thru 110, 119 thru 124 and 128 thru 139)
2	{ 035018 904208	14 14	CAPSCREW, 1/2"NF x 1-1/2" LOCKWASHER, 1/2"
3	057204	1	GASKET, case to steering clutch housing

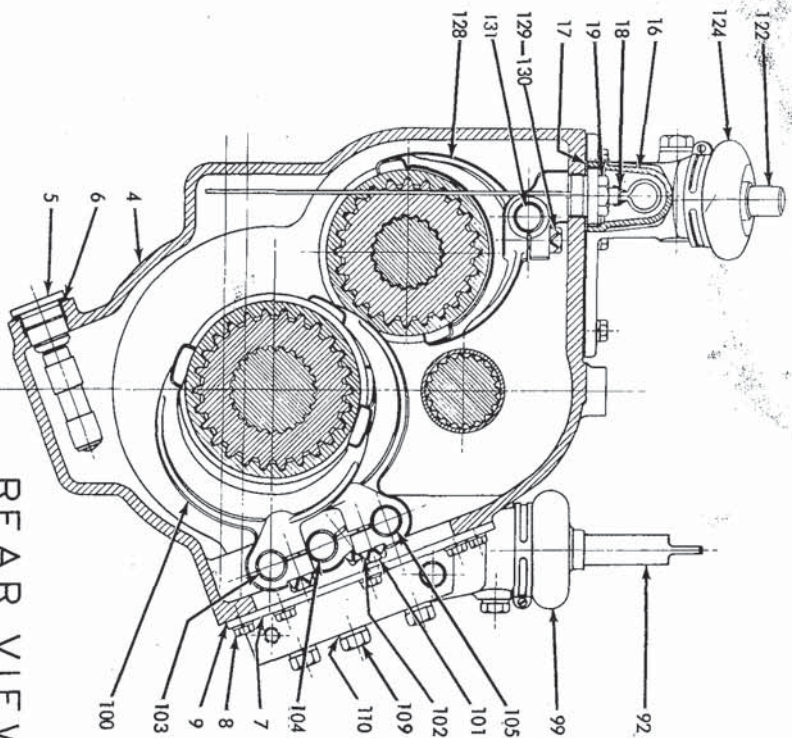
TRANSMISSION CASE AND COVERS

4	{ 069250 901653	1 1	CASE, transmission PLUG, pipe, sq-hd., 3/8"NPT
5	067543	1	PLUG, drain
6	035249	1	GASKET, drain plug
7	057431	1	PLATE, side cover
8	{ 035439 904206	16 16	CAPSCREW, 3/8"NC x 1" LOCKWASHER, 3/8"
9	057432	1	GASKET, cover plate
10	069401	1	COVER, intermediate shaft front bearing
11	{ 035061 904208	3 3	CAPSCREW, 1/2"NC x 1-1/4" LOCKWASHER, 1/2"
12	{ 041877 904208	1 1	CAPSCREW, 1/2"NC x 3" LOCKWASHER, 1/2"
13	069514	1	GASKET, intermediate shaft bearing cover
14	069366	1	COVER, pinion shaft front bearing
15	{ 035190 904208	6 6	CAPSCREW, 1/2"NC x 1-1/2" LOCKWASHER, 1/2"
16	034265	1	CAP, oil level gauge rod
17	034269	1	GASKET, oil level gauge rod cap
18	069492	1	ROD, gauge, transmission oil level
19	034268	1	PLUG, transmission oil filling hole

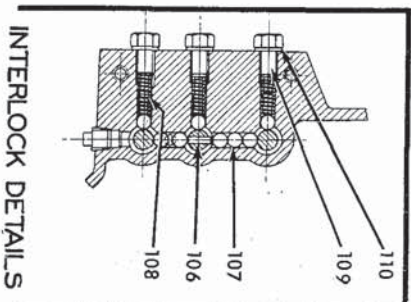
TRANSMISSION TOP SHAFT

20	069251	1	SHAFT, top
21	057282	1	BEARING, roller, top shaft - front
22	057289	1	RING, snap, top shaft front bearing
23	057291	1	RETAINER, front bearing
24	{ 028979 904208	4 4	CAPSCREW, 1/2"NC x 2-1/2" LOCKWASHER, 1/2"
25	059261	1	GASKET, front bearing retainer
26	057288	1	SEAL, oil, front bearing retainer
27	069463	1	SPACER, front bearing (1/2" thick)
28	069459	1	SLEEVE, spacing, front bearing
29	069461	1	SPACER, hi-range and 2nd. reverse gear (3/8" thick)
30	069233	1	GEAR, hi-range and 2nd. reverse (41 teeth)
31	069234	1	GEAR, lo-range (34 teeth)
32	069235	1	GEAR, 3rd. reverse (46 teeth)
33	069456	1	SLEEVE, spacing

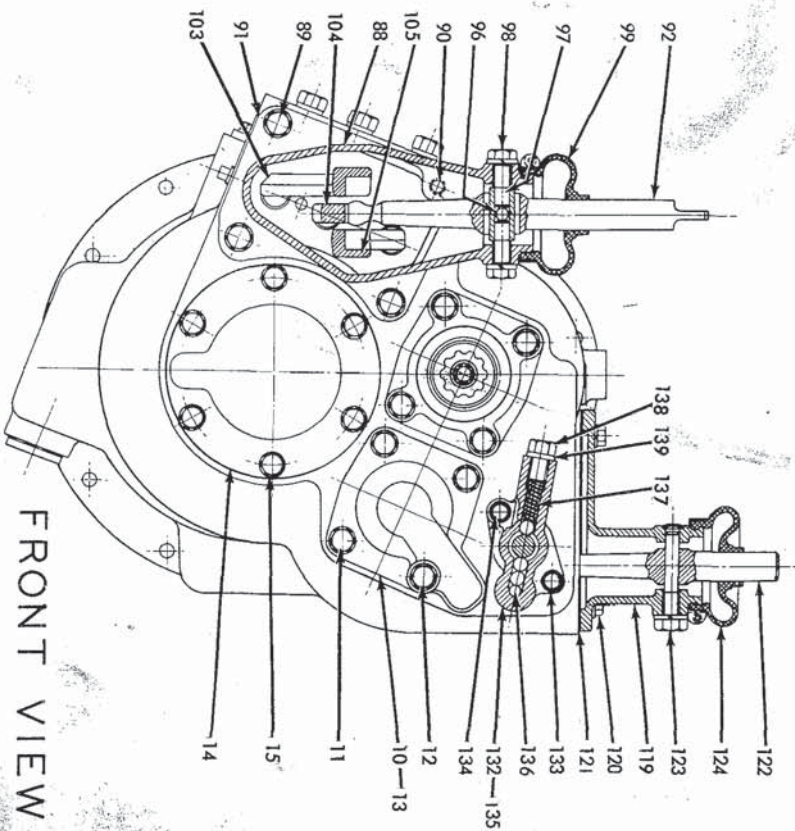
(Continued)



REAR VIEW



INTERLOCK DETAILS



FRONT VIEW

TRANSMISSION END VIEWS



-TRANSMISSION SECTIONALIZED VIEW

TRANSMISSION TOP SHAFT (Cont'd)

KIT NUMBER

PART ITEM NUMBER	QTY.	DESCRIPTION
34 069240	1	GEAR, 1st. reverse (21 teeth)
35 069428	1	BEARING, ball, top shaft - rear
36 069452	4	SHIM, bearing adjusting (.005" thick. Use as req'd)
37 069420	1	NUT, top shaft
38 054233	1	LOCKWASHER, top shaft nut
39 069403	1	SLEEVE, rear bearing
40 061380	1	SCREW, sleeve locking
{ 904209	1	LOCKWASHER, 5/8"

TRANSMISSION INTERMEDIATE SHAFT

41 069252	1	SHAFT, intermediate
42 054229	1	BEARING, ball, intermediate shaft - front (Includes item 43)
43 048727	1	RING, snap, front bearing
44 044741	1	SEAL, oil, front bearing
45 069464	1	NUT, intermediate shaft - front
46 054235	1	LOCKWASHER, front nut
47 069465	1	WASHER, spacing, front bearing
48 074304	1	GEAR ASSEMBLY, high range (32 teeth) (Includes item 49)
49 074269	1	BUSHING, high range gear
50 069389	1	RACE, inner, hi-range gear bearing
51 069458	1	WASHER, spacing, hi-range gear bearing
52 069254	1	HUB, shifting collar and lo-range gear
53 069243	1	COLLAR, shifting
54 074306	1	GEAR ASSEMBLY, lo-range (40 teeth) (Includes item 55)
55 074268	1	BUSHING, lo-range gear
56 069239	1	GEAR, 3rd and 5th. speeds (41 teeth)
57 069460	1	SLEEVE, gear spacing (1-5/16" long)
58 069235	1	GEAR, 4th. and 6th. speed (46 teeth)
59 069457	1	SLEEVE, gear spacing (4-1/8" long)
60 069236	1	GEAR, 1st and 2nd. speed (22 teeth)
61 057281	1	BEARING, roller, intermediate shaft - rear
62 042121	1	RING, snap, rear bearing
63 069420	1	NUT, intermediate shaft - rear
64 054233	1	LOCKWASHER, rear nut

TRANSMISSION PINION SHAFT

PART
ITEM NUMBER QTY. DESCRIPTION

KIT NUMBER

65	069253	1	PINION, bevel (11 teeth)
	043890	1	BEARING, ball, bevel pinion - front (Includes item 67)
67	040831	1	RING, snap, bevel pinion front bearing
68	069511	1	SHIM, adjusting (.005" thick. Use as req'd)
	069512	8	SHIM, adjusting (.010" thick. Use as req'd)
69	069445	3	SHIM, adjusting (.007" thick. Use as req'd)
	069446	3	SHIM, adjusting (.005" thick. Use as req'd)
70	069422	1	NUT, bevel pinion
71	048690	1	LOCKWASHER, bevel pinion nut
72	069455	1	WASHER, spacing, pinion front bearing
73	069241	1	GEAR, 2nd. reverse (55 teeth)
74	069242	1	HUB, 2nd. reverse and 3rd. and 5th. speed gears
75	069244	3	COLLAR, shifting
76	069245	1	GEAR, 3rd. and 5th. speed gear (55 teeth)
77	069454	3	WASHER, gear spacing
78	069246	2	GEAR, 3rd. reverse and 4th. and 6th. speed (48 teeth)
79	069247	1	HUB, 3rd. reverse and 4th. and 6th. speed gears
80	069248	2	GEAR, 1st. reverse and 1st. and 2nd. speed (62 teeth)
	069249	1	HUB, 1st. reverse and 1st. and 2nd. speed gears
82	069355	12	BEARING, roller, pinion shaft gears
83	069462	4	SPACER, gear bearings (7/16" long)
85	069469	1	SPACER, rear bevel pinion bearing (1" long)
86	057283	1	BEARING, bevel pinion - rear
87	067627	1	RING, snap, rear bevel pinion bearing

SPEED SELECTION GEAR SHIFT

88	069338	1	HOUSING, shift lever
89	035061	3	CAPSCREW, 1/2"NC x 1-1/4"
	904208	3	LOCKWASHER, 1/2"
90	028979	1	CAPSCREW, 1/2"NC x 2-1/2"
	904208	1	LOCKWASHER, 1/2"
91	059273	1	GASKET, housing to case
92	069340	1	LEVER, speed selection shift
93	058106	1	LEVER, extension
94	035068	1	CAPSCREW, 1/2"NF x 2-1/4"
	911043	1	NUT, 1/2"NF
	904208	1	LOCKWASHER, 1/2"
95	014210	1	BALL, extension lever
96	049963	1	PIN, shift lever
97	049964	1	SHAFT, shift lever pivot

(Continued)

SPEED SELECTION GEAR SHIFT (Cont'd)

KIT NUMBER

ITEM	PART NUMBER	QTY.	DESCRIPTION
98	{ 061380 904209	2	SCREW, set, shift lever pivot shaft LOCKWASHER, 5/8"
99	{ 061938 910250	1	BOOT, shift lever CLAMP, hose, 3-1/8" diam.
100	069341	3	FORK, gear shifting
101	035018	3	CAPSCREW, 1/2"NF x 1-1/2"
102	029752	3	LOCK, capscREW
103	069396	1	SHAFT, shifting fork, 1st. and 2nd. speeds and 1st. reverse
104	069399	1	SHAFT, shifting fork, 3rd. and 5th. speeds and 2nd. reverse
105	069393	1	SHAFT, shifting fork, 4th. and 6th. speeds and 3rd. reverse
106	055349	1	PIN, shifting shaft interlock
107	905362	8	BALL, steel, 1/2" diam.
108	037195	3	SPRING, shifting shaft interlock
109	035159	3	CAPSCREW, interlock spring (5/8"NF x 1")
110	049918	3	WASHER, interlock spring capscREW (copper)
111	069419	1	PLUNGER, shifting lock
112	049977	1	SLEEVE, shifting lock plunger
113	050267	1	WASHER, plunger sleeve (copper)
114	049966	1	BOOT, locking plunger
115	{ 065573 901173 901310	2	CLAMP SCREW, machine, #10-24NC x 5/8" NUT, #10-24NC
116	{ 067564 911115 900942 911041	1 1 1 2	ROD, shifting lock plunger WASHER, plain, SAE std., 3/8" PIN, cotter, 3/32" x 5/8" NUT, 3/8"NF
117	{ 050265 910244 910967	1 1 1	SWIVEL, shifting lock plunger rod WASHER, plain, SAE std., 1/2" PIN, cotter, 1/8" x 7/8"
118	035910	1	SPRING, plunger rod
FORWARD HI-LO GEAR SHIFT			
119	{ 069477 910002 013058	1 1 6	HOUSING ASSEMBLY (includes 1 PLUG 910002) PLUG, expansion, 3/4" diam. CAPSCREW, 3/8"NC x 1-1/4"
120	{ 904206	6	LOCKWASHER, 3/8"
121	057407	1	GASKET, housing to case
122	069339	1	LEVER, hi-lo shift
123	{ 069513 904209	1 1	SCREW, pivot, hi-lo shift lever LOCKWASHER, 5/8"
124	{ 061938 910250	1 1	BOOT, shift lever CLAMP, hose, 3-1/8" diam.
125	057391	1	LEVER, extension
126	{ 035068 911043 904208	1 1 1	CAPSCREW, 1/2"NF x 2-1/4" NUT, 1/2"NF LOCKWASHER, 1/2"
127	014210	1	BALL, extension lever (Continued)

FORWARD HI-LO GEAR SHIFT (Cont'd)

KIT NUMBER

ITEM	PART NUMBER	QTY.	DESCRIPTION
128	069342	1	FORK, hi-lo shifting
129	035018	1	CAPSCREW, 1/2"NF x 1-1/2"
	029752	1	LOCK, capscREW
131	069405	1	SHAFT, shifting fork
132	069404	1	HOUSING, gear shift interlock
	013058	1	CAPSCREW, 3/8"NC x 1-1/4"
133	904206	1	LOCKWASHER, 3/8"
	053616	1	CAPSCREW, 3/8"NC x 1-3/4"
134	904206	1	LOCKWASHER, 3/8"
135	069468	1	GASKET, interlock housing
136	905362	3	BALL, steel, 1/2" diam.
137	037195	1	SPRING, shifting shaft interlock
138	035159	1	CAPSCREW, interlock spring (5/8"NF x 1")
139	049918	1	WASHER, interlock spring capscREW (copper)
140	069621	1	PLUNGER, shifting lock
141	049977	1	SLEEVE, shifting lock plunger
142	050267	1	WASHER, plunger sleeve (copper)
143	049966	1	BOOT, locking plunger
	065573	2	CLAMP
144	901173	2	SCREW, machine, #10-24NC x 5/8"
	901310	2	NUT, #10-24NC
145	069433	1	ROD, shifting lock plunger
	911041	1	NUT, 3/8"NF
	061723	1	YOKE, plunger rod
147	043214	1	PIN, plunger rod yoke
	900942	2	PIN, cotter, 3/32" x 5/8"
148	035910	1	SPRING, plunger rod
149	033056	1	YOKE, rod adjusting (3/8"NF)
150	033069	1	PIN, rod adjusting yoke
	900942	1	PIN, cotter, 3/32" x 5/8"